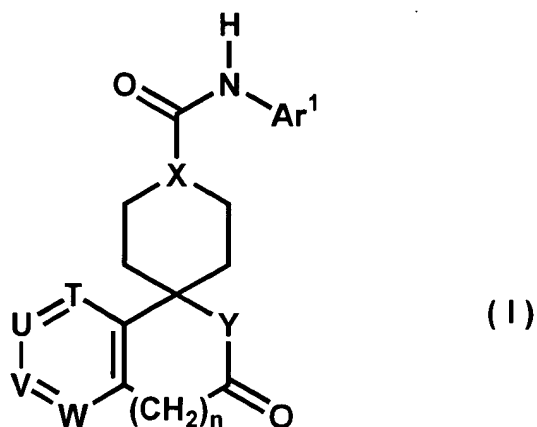


## AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended)

A compound represented by the general formula (I):



wherein Ar<sup>1</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, nitro, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, cyclo(lower)alkyl, lower alkenyl, lower alkoxy, halo(lower)alkoxy, lower alkylthio, carboxyl, lower alkanoyl, lower alkoxy carbonyl, lower alkylene optionally substituted with oxo, and a group represented by the formula -Q-Ar<sup>2</sup>;

Ar<sup>2</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, cyano, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, hydroxy, lower alkoxy, halo(lower)alkoxy, lower alkylamino, di-lower alkylamino, lower alkanoyl and aryl; n represents 0 or 1;

Q represents a single bond or carbonyl;

T, U, V and W each independently represent a nitrogen atom or a methine group which may have a substituent selected from the group consisting of halogen, lower alkyl, hydroxy and lower alkoxy, wherein at least two of which represent said methine group;

X represents methine or hydroxy substituted methine;

Y represents an imino which may be substituted with lower alkyl, or oxygen; ~~and~~ or a salt, ester or N-oxide derivative thereof.

Claim 2 (Original) The compound of Claim 1, wherein the aryl in Ar<sup>1</sup> is phenyl.

Claim 3. (Original) The compound of Claim 1, wherein the heteroaryl in Ar<sup>1</sup> is pyrrolyl, imidazolyl, pyrazolyl, thiazolyl, oxazolyl, isoxazolyl, 1,2,3-triazolyl, 1,2,4-thiadiazolyl, pyridyl, pyrazinyl, pyrimidinyl, 1,2,4-triazinyl, benzoxazolyl, benzothiazolyl, quinolyl or pyrido[3,2-b]pyridyl.

Claim 4 (Original) The compound of Claim 1, wherein each of T, U, V and W is methine which may have a substituent selected from the group consisting of halogen, lower alkyl, hydroxy and lower alkoxy..

Claim 5 (Original) The compound of Claim 4, wherein each of T, U, V and W is methine which may be substituted with halogen.

Claim 6 (Original) The compound of Claim 1, wherein one of T, U, V and W is nitrogen.

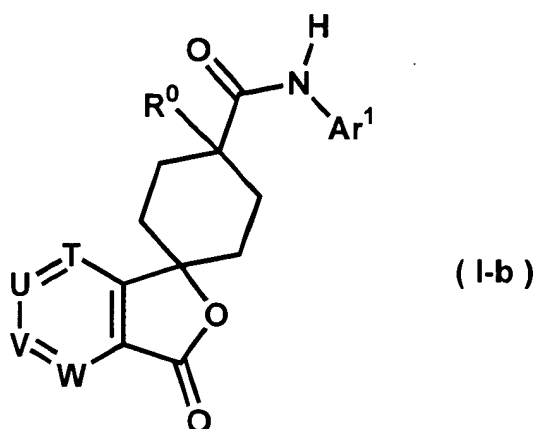
Claim 7 (Original) The compound of Claim 6 which is a N-oxide derivative.

Claim 8 (Original) The compound of Claim 1, wherein X is hydroxy substituted methine.

Claim 9 (Original) The compound of Claim 1, wherein Y is an unsubstituted imino or oxygen.

Claim 10 (Original) The compound of Claim 1, wherein Y is oxygen.

Claim 11. (Original) The compound of Claim 1 which is represented by the general formula (I-b):



wherein Ar<sup>1</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, nitro, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, cyclo(lower)alkyl, lower alkenyl, lower alkoxy, halo(lower)alkoxy, lower alkylthio, carboxyl, lower alkanoyl, lower alkoxycarbonyl, lower alkylene optionally substituted with oxo, and a group represented by the formula -Q-Ar<sup>2</sup>;

Ar<sup>2</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, cyano, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, hydroxy, lower alkoxy, halo(lower)alkoxy, lower alkylamino, di-lower alkylamino, lower alkanoyl and aryl;

Q represents a single bond or carbonyl;

R<sup>0</sup> represents hydrogen or hydroxy;

T, U, V and W each independently represent a nitrogen atom or a methine group which may have a substituent selected from the group consisting of halogen, lower alkyl, hydroxy and lower alkoxy, wherein at least two of which represent said methine group.

Claim 12 (Original) The compound of Claim 11, wherein the aryl in Ar<sup>1</sup> is phenyl.

Claim 13 (Original) The compound of Claim 11, wherein the heteroaryl in Ar<sup>1</sup> is pyrrolyl, imidazolyl, pyrazolyl, thiazolyl, oxazolyl, isoxazolyl, 1,2,3-triazolyl, 1,2,4-thiadiazolyl, pyridyl, pyrazinyl, pyrimidinyl or 1,2,4-triazinyl.

Claim 14 (Original) The compound of Claim 11, wherein one of T, U, V and W is nitrogen.

Claim 15 (Original) The compound of Claim 14 which is a N-oxide derivative.

Claim 16 (Original) The compound of Claim 11, wherein V is nitrogen and each of T, U and W is an unsubstituted methine group.

Claim 17 (Original) The compound of claim 1, which is  
cis-N-(4-benzoylphenyl)-4-hydroxy-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
trans-N-[5-(4-hydroxyphenyl)-2-pyrazinyl]-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
cis-4-hydroxy-3'-oxo-N-(5-phenyl-2-pyrazinyl)spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
cis-4-hydroxy-N-[5-(4-hydroxyphenyl)-2-pyrazinyl]-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
trans-N-[1-(4-hydroxyphenyl)-4-imidazolyl]-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
cis-4-hydroxy-3'-oxo-N-(1-phenyl-4-imidazolyl)spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
cis-4-hydroxy-N-[1-(4-hydroxyphenyl)-4-imidazolyl]-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
trans-N-[5-(4-hydroxyphenyl)-2-pyrimidinyl]-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
cis-4-hydroxy-3'-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
cis-4-hydroxy-3'-oxo-N-[5-(4-hydroxyphenyl)-2-pyrimidinyl]-spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,

cis-N-[1-(3,5-difluorophenyl)-4-imidazolyl]-4-hydroxy-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
 cis-4-hydroxy-3'-oxo-N-(5-phenyl-3-pyrazolyl)spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
 cis-N-[1-(2-fluorophenyl)-4-imidazolyl]-4-hydroxy-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
 cis-N-(4-acetyl-3-trifluoromethylphenyl)-4-hydroxy-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
 cis-4-hydroxy-3'-oxo-N-[1-(3-quinolyl)-4-imidazolyl]spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
 cis-N-[1-(3-cyanophenyl)-4-imidazolyl]-4-hydroxy-3'-oxospiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide,  
 cis-N-(4-benzoylphenyl)-4'-hydroxy-3-oxospiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-2-pyrazinyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(5-phenyl-2-pyrazinyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-2-pyrazinyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,  
 cis-4'-hydroxy-3-oxo-N-(3-phenyl-5-isoxazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(3-phenyl-5-isoxazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,  
 cis-N-(4-benzoylphenyl)-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,

trans-N-(4-benzoylphenyl)-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide  
5-oxide,

cis-N-(4-benzoylphenyl)-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide 5-oxide,

cis-N-(4-benzoylphenyl)-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide,

trans-N-(4-benzoylphenyl)-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide  
6-oxide,

cis-N-(4-benzoylphenyl)-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide 6-oxide,

cis-4'-hydroxy-3-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-  
4'-carboxamide,

trans-3-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide 5-oxide,

cis-4'-hydroxy-3-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-  
4'-carboxamide 5-oxide,

cis-N-[5-(3-fluorophenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-  
cyclohexane]-4'-carboxamide,

trans-N-[5-(3-fluorophenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-  
4'-carboxamide 5-oxide,

cis-N-[5-(3-fluorophenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-  
cyclohexane]-4'-carboxamide 5-oxide,

cis-N-[5-(2-fluorophenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-  
cyclohexane]-4'-carboxamide,

trans-N-[5-(2-fluorophenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-  
4'-carboxamide 5-oxide,

cis-N-[5-(2-fluorophenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-  
cyclohexane]-4'-carboxamide 5-oxide,

cis-4'-hydroxy-3-oxo-N-(4-phenyl-2-oxazolyl)spiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(4-phenyl-2-oxazolyl)spiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-4'-hydroxy-3-oxo-N-(4-phenyl-2-oxazolyl)spiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(2-methylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(2-methylphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(2-methylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(3-methylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(3-methylphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(3-methylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(3-fluoromethoxyphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(3-fluoromethoxyphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(3-fluoromethoxyphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(3-fluoromethylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(3-fluoromethylphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,

cis-N-[5-(3-fluoromethylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(3-fluoro-5-methoxyphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(3-fluoro-5-methoxyphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(3-fluoro-5-methoxyphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(2-fluoro-5-methylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(2-fluoro-5-methylphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[5-(2-fluoro-5-methylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[4-(3-fluoromethoxyphenyl)-2-oxazolyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[4-(3-fluoromethoxyphenyl)-2-oxazolyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-N-[4-(3-fluoromethoxyphenyl)-2-oxazolyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-4'-hydroxy-N-[5-(3-hydroxymethylphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(3-hydroxymethylphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-4'-hydroxy-N-[5-(3-hydroxymethylphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-4'-hydroxy-N-[5-(3-hydroxyphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,



trans-N-[5-(3-hydroxyphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-4'-hydroxy-N-[5-(3-hydroxyphenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 5-oxide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(3-fluoromethylphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(3-fluoromethylphenyl)-2-pyrimidinyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
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 trans-N-[5-(3-fluoromethoxyphenyl)-2-pyrimidinyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(3-fluoromethoxyphenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(6-phenyl-1,2,4-triazin-3-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(6-phenyl-1,2,4-triazin-3-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(6-phenyl-1,2,4-triazin-3-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,

cis-N-[5-(2-difluoromethoxyphenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(2-difluoromethoxyphenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(2-difluoromethoxyphenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(3-difluoromethoxyphenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(3-difluoromethoxyphenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(3-difluoromethoxyphenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(3-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(3-fluorophenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(3-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(4-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[5-(4-fluorophenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[5-(4-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-(4-benzoylphenyl)-4'-hydroxy-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-(4-benzoylphenyl)-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,

cis-N-(4-benzoylphenyl)-4'-hydroxy-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-N-[1-(3,5-difluorophenyl)-4-imidazolyl]-4'-hydroxy-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[1-(3,5-difluorophenyl)-4-imidazolyl]-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-N-[1-(3,5-difluorophenyl)-4-imidazolyl]-4'-hydroxy-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-4'-hydroxy-3-oxo-N-[2-phenyl-4-pyridyl]spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-[2-phenyl-4-pyridyl]spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-4'-hydroxy-3-oxo-N-[2-phenyl-4-pyridyl]spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-4'-hydroxy-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-4'-hydroxy-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-4'-hydroxy-3-oxo-N-(1-phenyl-3-pyrrolyl)spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(1-phenyl-3-pyrrolyl)spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-4'-hydroxy-3-oxo-N-(1-phenyl-3-pyrrolyl)spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,  
 cis-N-[1-(4-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,

trans-N-[1-(4-fluorophenyl)-3-pyrazolyl]-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,

cis-N-[1-(4-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 7-oxide,

cis-4'-hydroxy-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,

trans-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,

cis-4'-hydroxy-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,

cis-4'-hydroxy-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,

trans-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,

cis-4'-hydroxy-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,

cis-N-[1-(3-fluorophenyl)-4-pyrazolyl]-4'-hydroxy-3-oxospiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,

trans-N-[1-(3-fluorophenyl)-4-pyrazolyl]-3-oxospiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,

cis-N-[1-(3-fluorophenyl)-4-pyrazolyl]-4'-hydroxy-3-oxospiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 4-oxide,

cis-4'-hydroxy-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,

trans-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,

cis-4'-hydroxy-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,

cis-N-[1-(4-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[1-(4-fluorophenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[1-(4-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 trans-N-[1-(2-fluoro-4-hydroxyphenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 cis-N-[1-(2-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[1-(2-fluorophenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[1-(2-fluoro-4-hydroxyphenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-N-[1-(2-fluoro-4-hydroxyphenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[1-(2-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-N-[1-(2-fluoro-4-hydroxyphenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-1,2,4-thiadiazol-3-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(5-phenyl-1,2,4-thiadiazol-3-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-1,2,4-thiadiazol-3-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-3-isoxazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide,

trans-3-oxo-N-(5-phenyl-3-isoxazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
 carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(5-phenyl-3-isoxazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
 carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(6-phenyl-3-pyridyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
 carboxamide,  
 trans-3-oxo-N-(6-phenyl-3-pyridyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide  
 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(6-phenyl-3-pyridyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
 carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(2-phenyl-3-thiazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
 carboxamide,  
 trans-3-oxo-N-(2-phenyl-3-thiazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
 carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(2-phenyl-3-thiazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
 carboxamide 6-oxide,  
 cis-4'-hydroxy-3-oxo-N-(2-phenyl-1,2,3-triazol-4-yl)spiro[6-azaisobenzofuran-1(3H),1'-  
 cyclohexane]-4'-carboxamide,  
 trans-3-oxo-N-(2-phenyl-1,2,3-triazol-4-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
 carboxamide 6-oxide  
 or  
 cis-4'-hydroxy-3-oxo-N-(2-phenyl-1,2,3-triazol-4-yl)spiro[6-azaisobenzofuran-1(3H),1'-  
 cyclohexane]-4'-carboxamide 6-oxide.

Claim 18 (Original) The compound of claim 1, which is  
 cis-N-[5-(3-fluorophenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-  
 cyclohexane]-4'-carboxamide .

Claim 19 (Original) The compound of claim 1, which is  
trans-N-[5-(3-fluorophenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-  
4'-carboxamide 5-oxide.

Claim 20 (Original) The compound of claim 1, which is  
cis-N-[5-(2-fluorophenyl)-2-pyrimidinyl]-4'-hydroxy-3-oxospiro[5-azaisobenzofuran-1(3H),1'-  
cyclohexane]-4'-carboxamide.

Claim 21 (Original) The compound of claim 1, which is  
trans-N-[5-(2-fluorophenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-  
4'-carboxamide 5-oxide.

22. (Cancelled)

Claim 23 (Original) The compound of claim 1, which is  
cis-N-[5-(2-difluoromethoxyphenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-  
1(3H),1'-cyclohexane]-4'-carboxamide.

Claim 24 (Original) The compound of claim 1, which is  
trans-N-[5-(2-difluoromethoxyphenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-  
cyclohexane]-4'-carboxamide 6-oxide.

Claim 25 (Original) The compound of claim 1, which is  
cis-N-[1-(3,5-difluorophenyl)-4-imidazolyl]-4'-hydroxy-3-oxospiro[7-azaisobenzofuran-1(3H),1'-  
cyclohexane]-4'-carboxamide.

Claim 26 (Original) The compound of claim 1, which is  
trans-N-[1-(3,5-difluorophenyl)-4-imidazolyl]-3-oxospiro[7-azaisobenzofuran-1(3H),1'-

cyclohexane]-4'-carboxamide 7-oxide.

Claim 27 (Cancelled)

Claim 28 (Original) The compound of claim 1, which is  
cis-4'-hydroxy-3-oxo-N-[2-phenyl-4-pyridyl]spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide.

Claim 29 (Original) The compound of claim 1, which is  
trans-3-oxo-N-[2-phenyl-4-pyridyl]spiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide  
7-oxide.

Claim 30 (Original) The compound of claim 1, which is  
cis-4'-hydroxy-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide.

Claim 31 (Original) The compound of claim 1, which is  
trans-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide 4-oxide.

Claim 32. (Cancelled)

Claim 33 (Original) The compound of claim 1, which is  
cis-4'-hydroxy-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide.

Claim 34 (Original) The compound of claim 1, which is  
trans-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-



carboxamide 4-oxide.

Claim 35 (Cancelled)

Claim 36 (Original) The compound of claim 1, which is  
trans-N-[1-(2-fluoro-4-hydroxyphenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide.

Claim 37 (Original) The compound of claim 1, which is  
cis-N-[1-(2-fluorophenyl)-3-pyrazolyl]-4'-hydroxy-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide.

Claim 38 (Original) The compound of claim 1, which is  
trans-N-[1-(2-fluorophenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide.

Claim 39 (Cancelled)

Claim 40 (Original) The compound of claim 1, which is  
cis-4'-hydroxy-3-oxo-N-(2-phenyl-3-thiazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide.

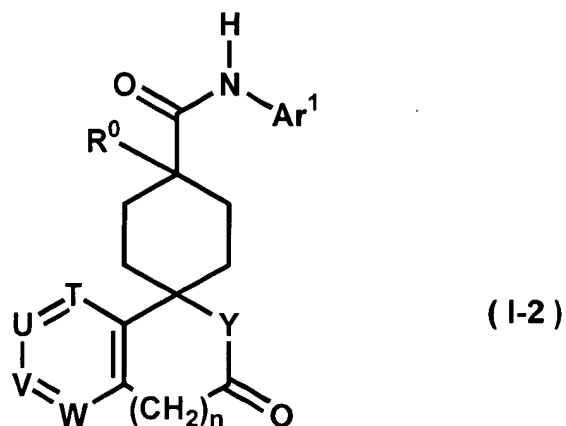
Claim 41 (Original) The compound of claim 1, which is  
trans-3-oxo-N-(2-phenyl-3-thiazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide 6-oxide.

Claim 42 (Original) The compound of claim 1, which is  
cis-4'-hydroxy-3-oxo-N-(2-phenyl-1,2,3-triazol-4-yl)spiro[6-azaisobenzofuran-1(3H),1'-

cyclohexane]-4'-carboxamide.

Claim 43 (Original) The compound of claim 1, which is  
trans-3-oxo-N-(2-phenyl-1,2,3-triazol-4-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-  
carboxamide 6-oxide.

Claim 44 (Currently Amended) A process for producing a compound of the general formula (I-  
2):



wherein Ar<sup>1</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, nitro, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, cyclo(lower)alkyl, lower alkenyl, lower alkoxy, halo(lower)alkoxy, lower alkylthio, carboxyl, lower alkanoyl, lower alkoxy carbonyl, lower alkylene optionally substituted with oxo, and a group represented by the formula -Q-Ar<sup>2</sup>;

Ar<sup>2</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, cyano, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, hydroxy, lower alkoxy, halo(lower)alkoxy, lower alkylamino, di-lower alkylamino, lower alkanoyl and aryl;

Q represents a single bond or carbonyl;

R<sup>0</sup> represents hydrogen or hydroxy;

T, U, V and W each independently represent a nitrogen atom or a methine group which may have a substituent selected from the group consisting of halogen, lower alkyl, hydroxy and lower alkoxy, wherein at least two of which represent said methine group;

n and Y have the same meanings as described hereinafter;

and or a salt, ester or N-oxide derivative thereof, which comprises:

reacting a compound of formula (V):

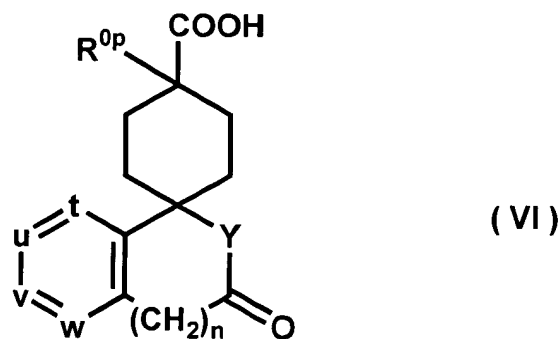


wherein  $\text{Ar}^{1p}$  represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, nitro, lower alkyl, halo(lower)alkyl, cyclo(lower)alkyl, lower alkenyl, lower alkoxy, halo(lower)alkoxy, lower alkylthio, lower alkanoyl, lower alkoxycarbonyl, a group of formula:  $-\text{Q}^p-\text{Ar}^{2p}$ , and an optionally protected, lower alkylene optionally substituted with oxo, hydroxy(lower)alkyl or carboxyl group;

$\text{Ar}^{2p}$  represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, cyano, lower alkyl, halo(lower)alkyl, lower alkoxy, halo(lower)alkoxy, di-lower alkylamino, lower alkanoyl, aryl, and an optionally protected, hydroxy(lower)alkyl, hydroxy or lower alkyl amino group;

$\text{Q}^p$  represents a single bond or optionally protected carbonyl;

with a carboxylic acid of the general formula (VI):



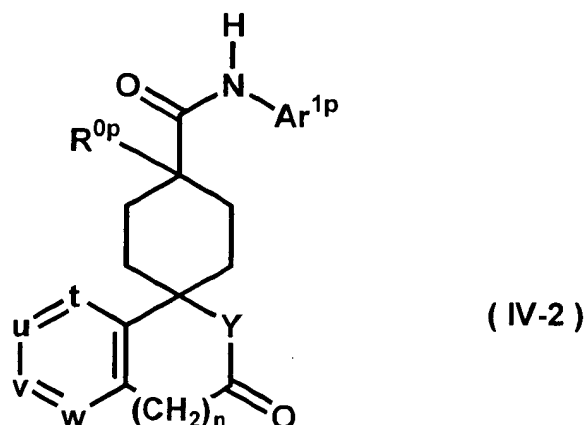
wherein n represents 0 or 1;

$\text{R}^{0p}$  represents hydrogen or optionally protected hydroxy;

t, u, v and w each independently represent a nitrogen atom or a methine group which may have a substituent selected from the group consisting of halogen, lower alkyl, lower alkoxy and optionally protected hydroxy, wherein at least two of which represent said methine group;

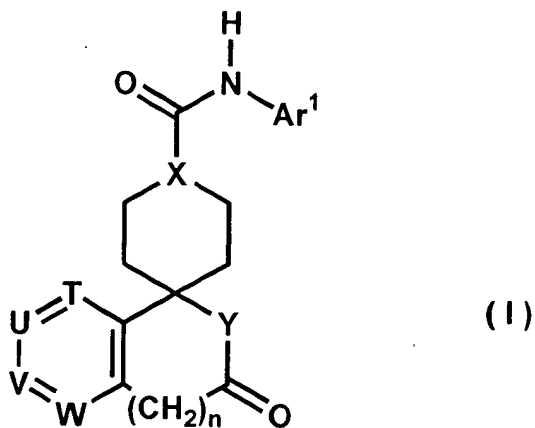
Y represents an imino which may be substituted with a lower alkyl, or oxygen atom;  
or a reactive derivative thereof,

to provide a compound of the general formula (IV-2):



wherein Ar<sup>1p</sup>, n, R<sup>0p</sup>, t, u, v, w and Y have the same meanings as described above;  
optionally followed by elimination of a protecting group and/or oxidation of a nitrogen atom.

Claim 45 (Currently Amended)      Neuropeptide Y receptor antagonist which comprises a compound of the general formula (I):



wherein Ar<sup>1</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, nitro, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, cyclo(lower)alkyl, lower alkenyl, lower alkoxy, halo(lower)alkoxy, lower alkylthio, carboxyl, lower alkanoyl, lower alkoxy carbonyl, lower alkylene optionally substituted with oxo, and a group represented by the formula -Q-Ar<sup>2</sup>;

Ar<sup>2</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, cyano, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, hydroxy,

lower alkoxy, halo(lower)alkoxy, lower alkylamino, di-lower alkylamino, lower alkanoyl and aryl;  
n represents 0 or 1;

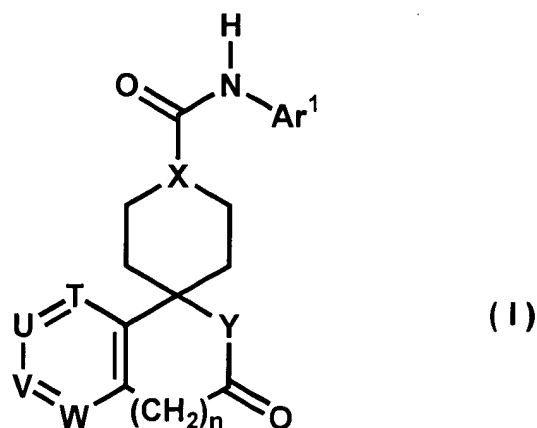
Q represents a single bond or carbonyl;

T, U, V and W each independently represent a nitrogen atom or a methine group which may have a substituent selected from the group consisting of halogen, lower alkyl, hydroxy and lower alkoxy, wherein at least two of which represent said methine group;

X represents methine or hydroxy substituted methine;

Y represents an imino which may be substituted with lower alkyl, or oxygen; ~~and~~ or a salt, ester or N-oxide derivative thereof.

Claim 46 (Currently Amended)      A method for the treatment of bulimia, obesity or diabetes in a human in need of treatment thereof, which comprises administering to the human a therapeutically effective amount of a compound of the general formula (I):



wherein Ar<sup>1</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, nitro, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, cyclo(lower)alkyl, lower alkenyl, lower alkoxy, halo(lower)alkoxy, lower alkylthio, carboxyl, lower alkanoyl, lower alkoxy carbonyl, lower alkylene optionally substituted with oxo, and a group represented by the formula -Q-Ar<sup>2</sup>;

Ar<sup>2</sup> represents an aryl or heteroaryl which may be substituted, the substituent being selected from the group consisting of halogen, cyano, lower alkyl, halo(lower)alkyl, hydroxy(lower)alkyl, hydroxy,

lower alkoxy, halo(lower)alkoxy, lower alkylamino, di-lower alkylamino, lower alkanoyl and aryl;  
n represents 0 or 1;

Q represents a single bond or carbonyl;

T, U, V and W each independently represent a nitrogen atom or a methine group which may have a substituent selected from the group consisting of halogen, lower alkyl, hydroxy and lower alkoxy, wherein at least two of which represent said methine group;

X represents methine or hydroxy substituted methine;

Y represents an imino which may be substituted with lower alkyl, or oxygen; ~~and~~ or  
a salt, ester or N-oxide derivative thereof.

Claim 47 (Original) A pharmaceutical composition for the treatment of bulimia, obesity or diabetes which comprises a pharmaceutically effective amount of a compound of claim 1 together with a pharmaceutically acceptable additive.